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Title: A Method and Apparatus for Generation Validation Tests

Inventor: Yount

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Application No: 09/475,526

Sheet: 1 of 6

Attorney Docket No: 042390.P6602

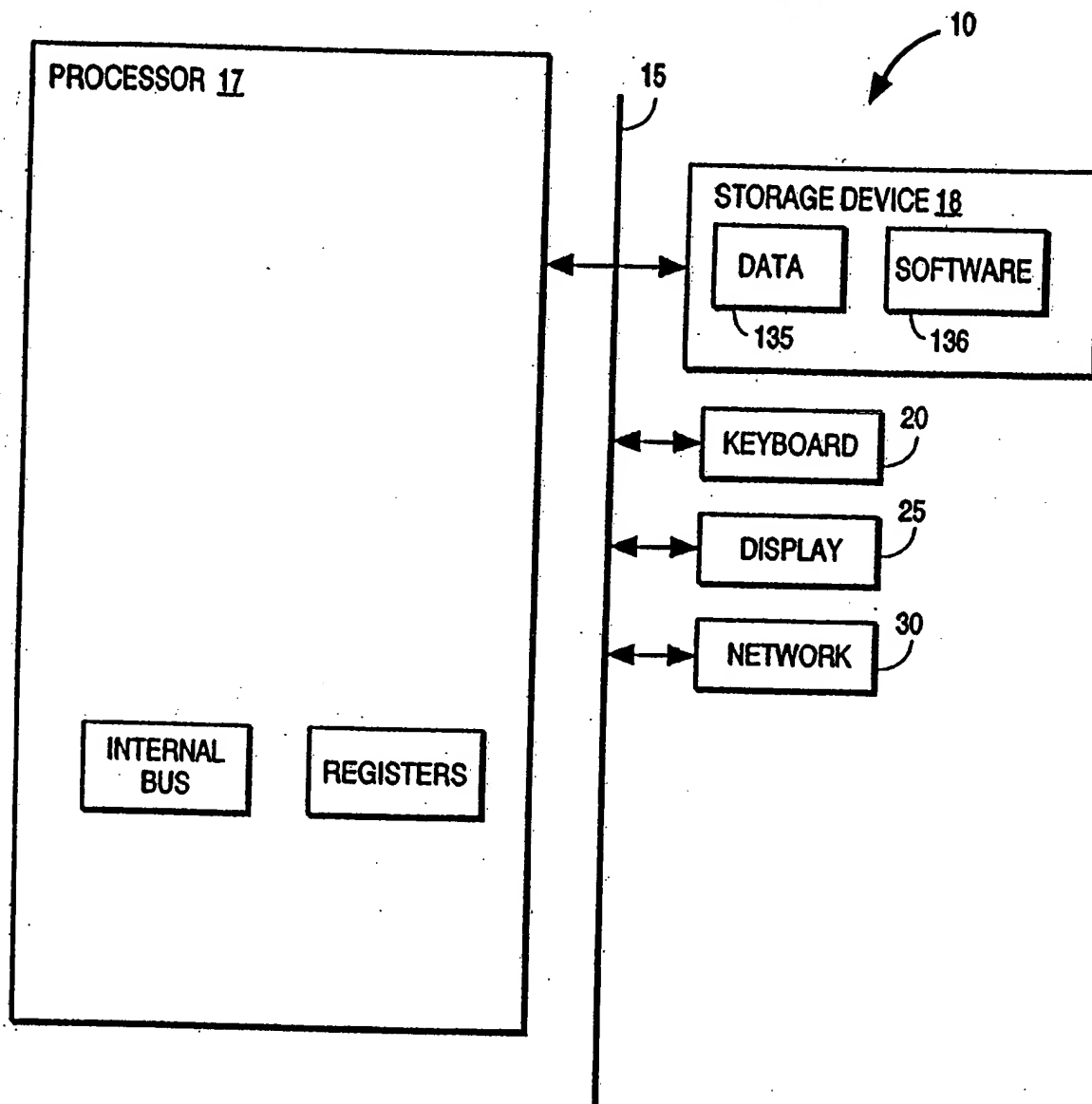


FIG. 1

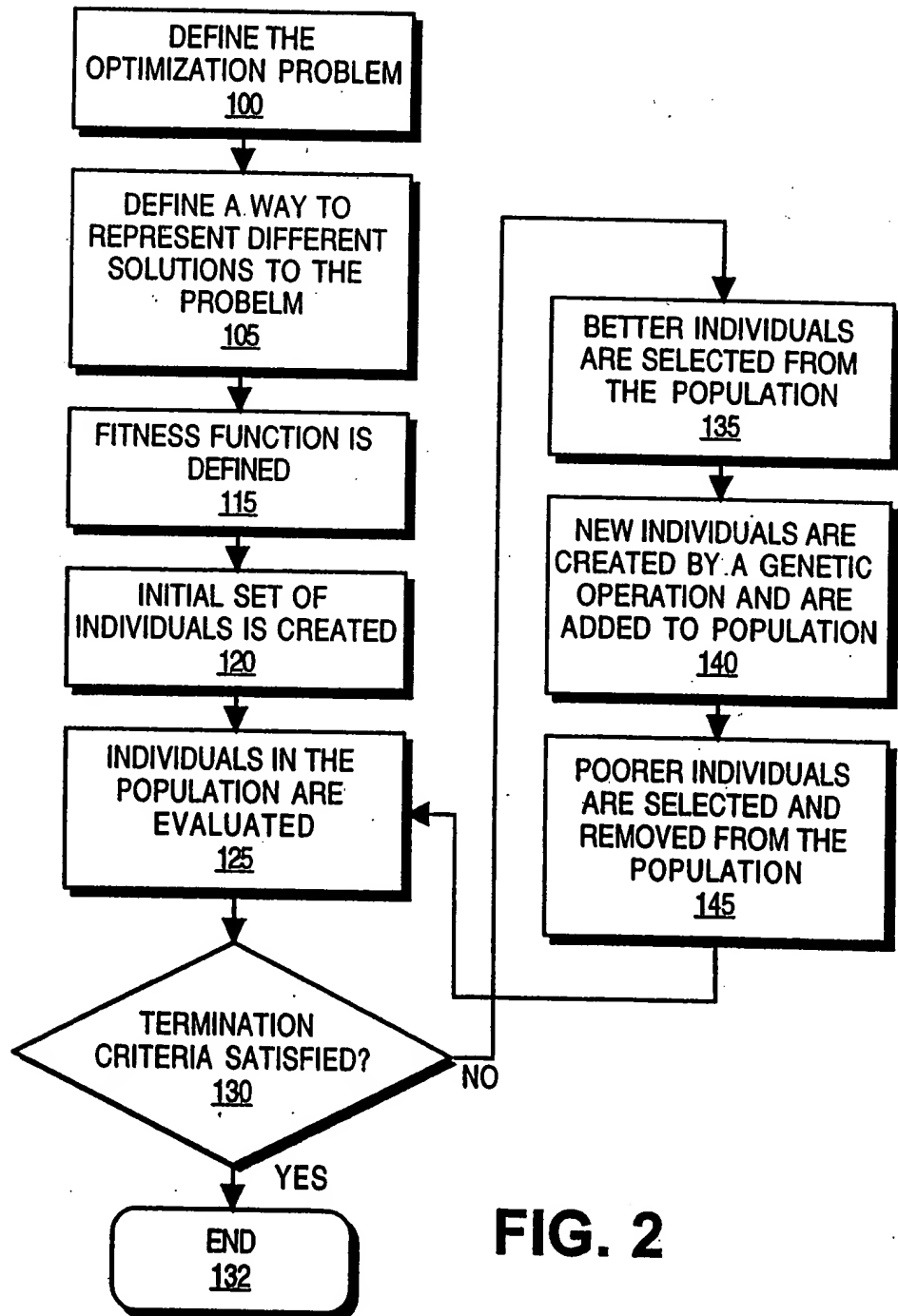
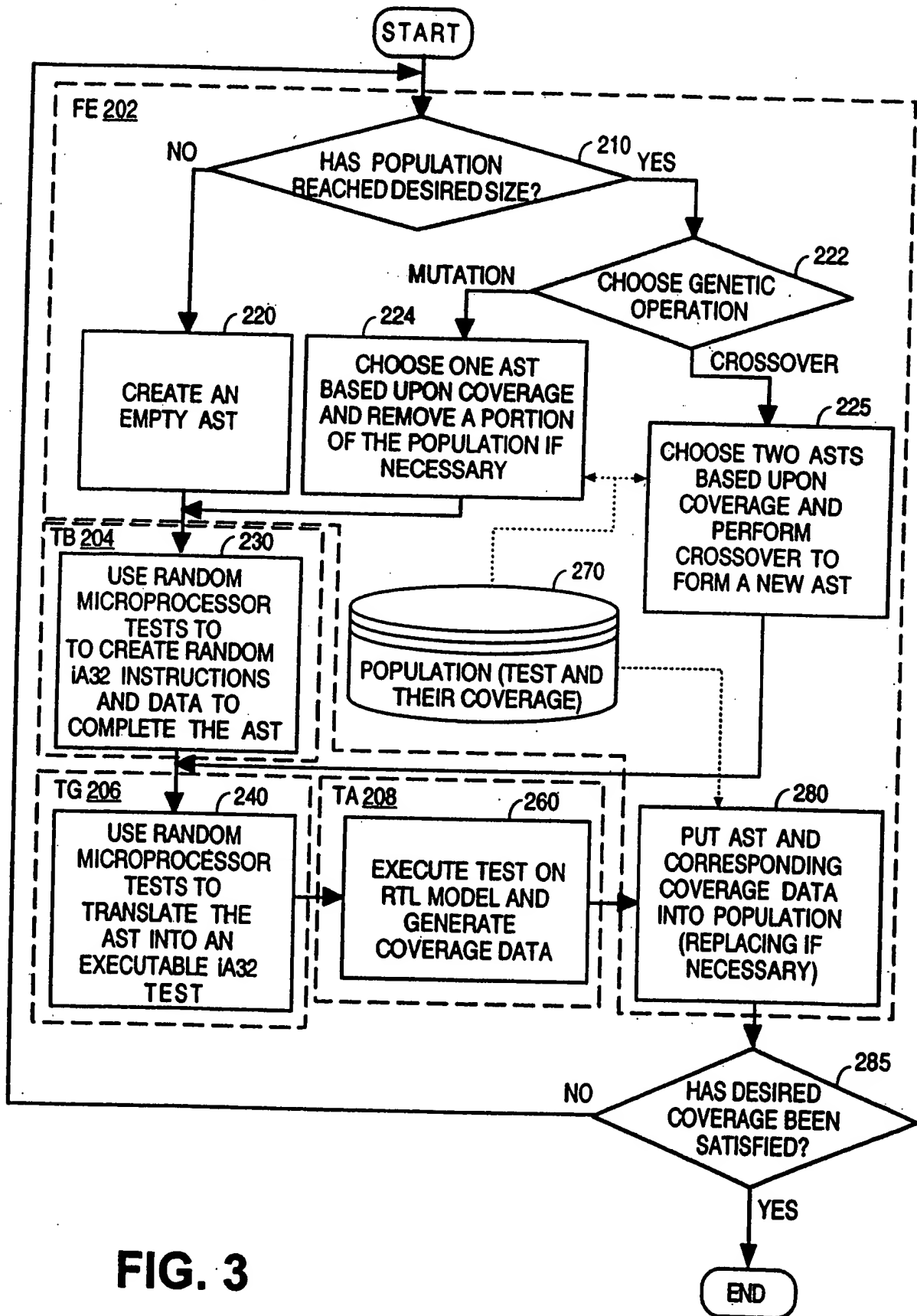


FIG. 2



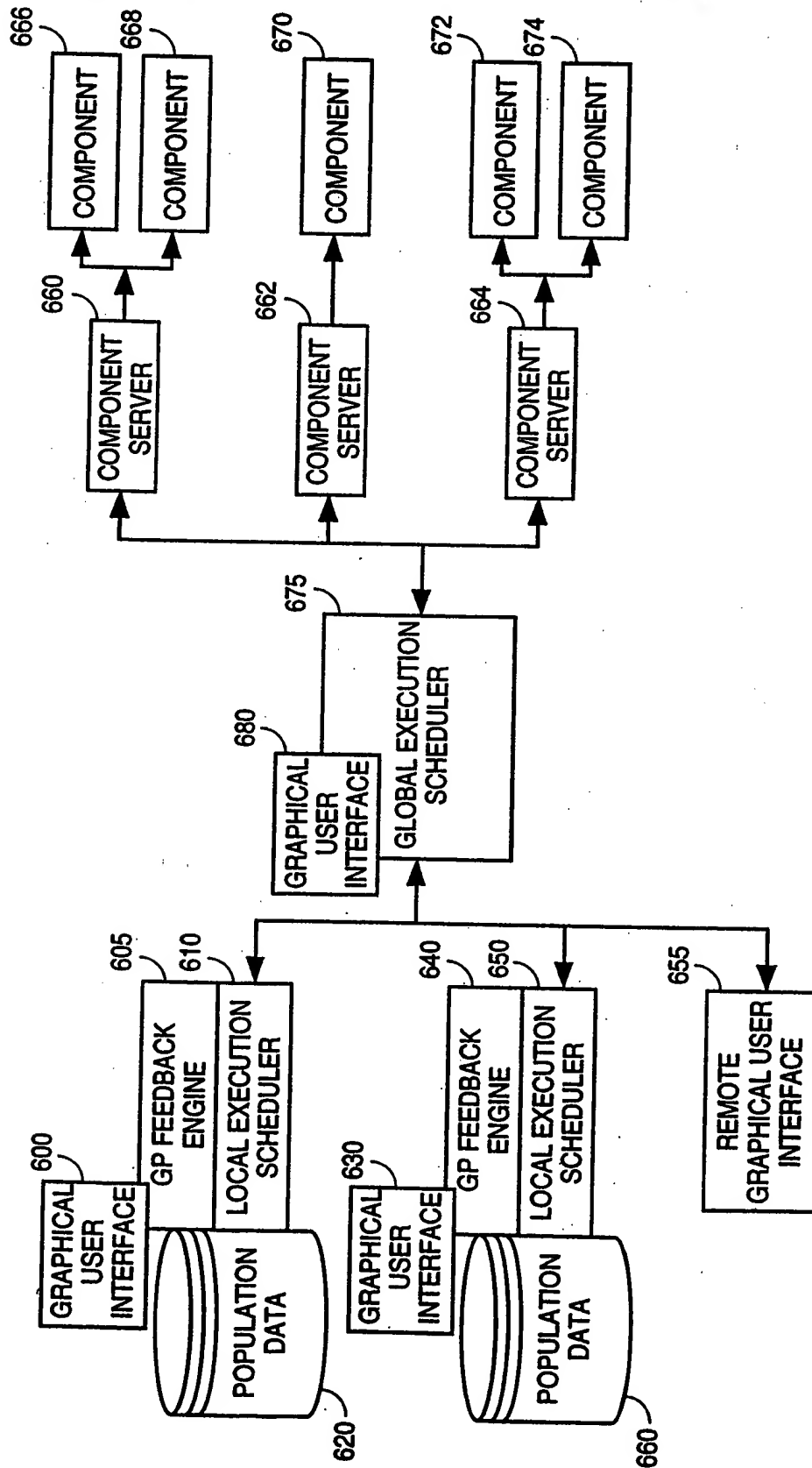


FIG. 4

☐ Prospector@fmmw6216:Main ☐ ☐ ☐ ☐

File View Tools Help

Prospector@fmmw6216

GES Hostname: localhost

GES Port: 1968

Connection Status: Connected

Completion Data

Stage	Waiting	Using	Finished	Failed	Rejected
Genotype Generator	0	171	0	0	0
Test Analyzer	4	1	27	0	139
Fitness Evaluator	0	27	0	0	0

Time Last Test Completed: Mon Dec 27 13:57:21 PST 1999

Number Analyzed: 27

Population Coverage (%): 4.682

Total Cycles Ran: 179,000

Test Analyzer: Name Archcov

☐ Prospector@fmmw6216:Detailed Coverage Data ☐ ☐ ☐ ☐

Coverage Data

Name	Conditions Hit	Total Conditions	Percentage Hit	Weight Value	Weight (%)
local	904	19589	4.662	19389	100.000
Integer	409	4093	9.993	4093	21.110
data transfer	132	950	13.895	950	23.210
binary arithmetic	40	357	11.204	357	8.722
decimal arithmetic	9	106	8.491	106	2.590
logic	79	445	17.753	445	10.872
bit and byte	11	341	3.226	341	8.331
control transfer	45	1060	4.245	1060	25.898
string	58	453	12.804	463	11.068
flag control	34	288	11.806	288	7.036
segment register	0	55	0.000	55	1.344
miscellaneous	1	38	2.632	38	0.928
floating point	79	5377	1.469	5377	27.732

☐ Prospector@fmmw6216:System Information ☐ ☐ ☐ ☐

System Information

GES Hostname: localhost

GES Port: 1968

Connection Status: Connected

Execution Status: Running

User Name: cyount

Architecture: x86

Operating System: Windows NT 4.0

Application ID Number: 1

Num Threads: 5

Num Paused Threads: 0

Priority: 3

Desired Queue Depth: 4

Start Time: Mon Dec 27 13:48:16 PST 1999

Database Name: E:\user_implautoconversion-1.3.0V

Version: 1.3.0

Ok Apply Cancel Help

☐ Prospector@fmmw6216:Last Test Data ☐ ☐ ☐ ☐

Last Test Data

Last Test: toxjito

Unique ID: 1.382

Coverage (%): 268

Conditions Hit: 8

Cycles Ran: 38

Number of Nodes: 38

Cancel Help

FIG. 5

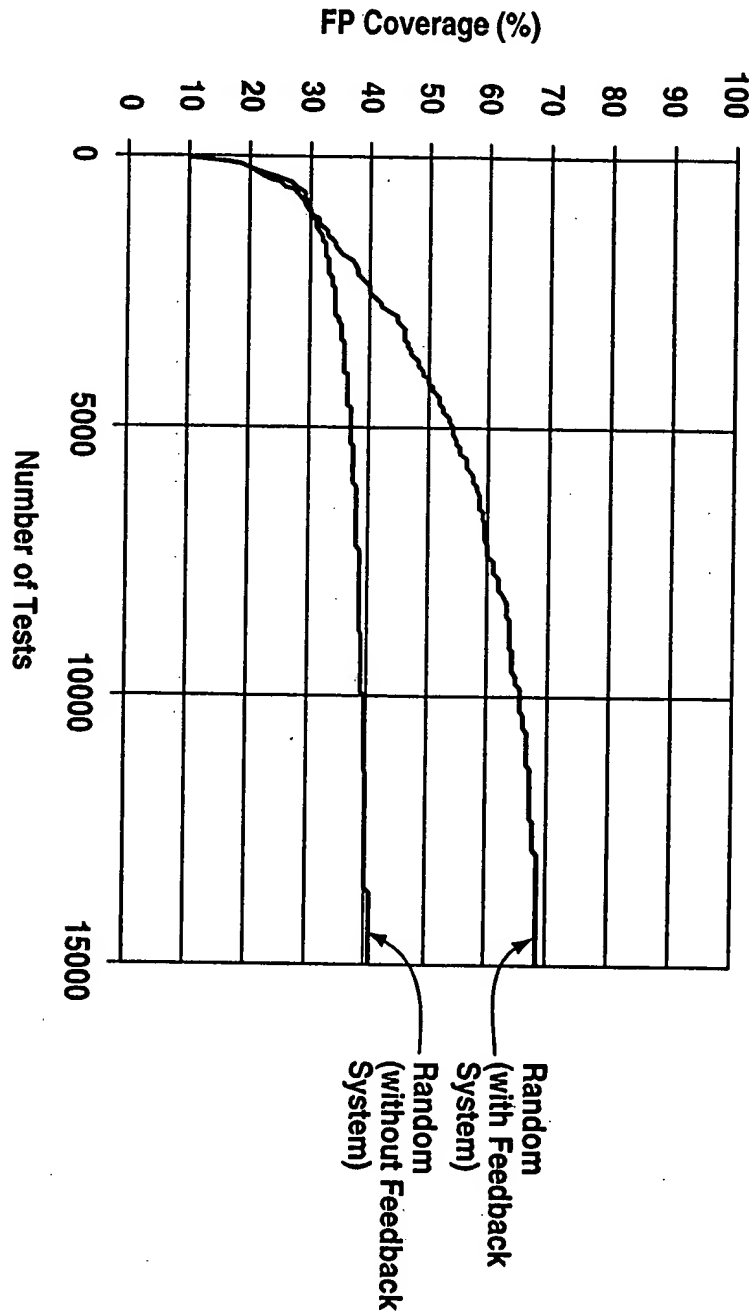


FIG. 6